

# PRODUCTION OF POLYHYDROXYALKANOATES

## ABSTRACT

Novel transgenic microorganisms capable of biosynthesis of polyhydroxyalkanoate (PHA). Heterologous enzymes involved in PHA biosynthesis, particularly PHA polymerase and acetoacetyl-CoA reductase, are expressed in transgenic prokaryotic and eukaryotic microorganisms. PHA biosynthesis can occur either anaerobically or aerobically.

### CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL 888273723 US

Date of Deposit: March 4, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: Box PATENT APPLICATION, Washington, D.C. 20231

By: Jill R. Price

Name: Jill R. Price

204020-59606007